

--METHODS FOR DELIVERING DNA TO THE BLOODSTREAM USING
RECOMBINANT ADENO-ASSOCIATED VIRUS VECTORS--.

In the Specification:

Please amend the specification as follows:

Before the first line of the application, please insert the following:

A1
~~This~~ application is a continuation of U.S. Patent Application Serial No. 09/309,042,
^{now U.S. Patent No. 6,211,163,}
filed May 10, 1999, which is a continuation of U.S. Patent Application Serial No.
^{now abandoned}
09/226,989, filed January 7, 1999, which is a continuation of U.S. Patent Application
Serial No. 08/588,355, filed January 18, 1996, now U.S. Patent No. 5,858,351, from
which applications priority is claimed pursuant to 35 U.S.C. §120.

In the Claims:

Please cancel claims 1-22 without prejudice and without disclaimer and add
the following new claims:

A2
~~23.~~ A method of administering recombinant adeno-associated virus
(AAV) virions into the bloodstream of a mammalian subject, said method comprising:
(a) providing AAV virions comprising a selected gene operably linked to
expression control elements that provide for transcription and translation of the selected
gene in a desired host cell *in vivo*; and
(b) delivering said recombinant AAV virions to the bloodstream, whereby
said selected gene is expressed at a level which provides a therapeutic effect in the
mammalian subject.

~~24.~~ The method of claim ~~23~~, wherein the AAV virions are delivered
intraarterially.